

5 **METHOD FOR PRODUCING A TRANSDUCER**

SLIDER WITH TAPERED EDGES

ABSTRACT OF THE DISCLOSURE

10 The invention relates to a method for producing a transducer slider. the present
invention relates to a method for producing a transducer slider. The method involves first
coating a substrate with a radiation-sensitive layer and exposing the radiation-sensitive layer to
radiation according to an intensity pattern. Preferably, the intensity pattern is provided using a
grayscale mask. Once the image is developed into the radiation-sensitive layer, the image is
15 transferred into the substrate to form a transducer slider having a surface profile comprising a
tapered edge. In the alternative or in addition, the surface profile may comprise a rounded
corner. The invention also relates to a structure for forming a transducer slider.